

WHAT IS CLAIMED IS:

1 1. A self-contained business transaction capsule to conduct a wireless transaction,
2 comprising:
3 data regarding the wireless transaction; and
4 transaction logic to complete the wireless transaction, wherein the self-contained
5 business transaction capsule is adapted to be broadcasted to and stored on a portable
6 electronic device.

1 2. The self-contained business transaction capsule according to claim 1, wherein the
2 data regarding the wireless transaction includes at least one of a price, a transaction description,
3 and an image.

1 3. The self-contained business transaction capsule according to claim 1, wherein the
2 transaction logic includes at least one of billing and shipping information, order routing
3 information, order status information, shipping status information, and transaction rules.

1 4. The self-contained business transaction capsule according to claim 1, wherein the
2 transaction logic is adapted to transmit completed transaction data from the portable electronic
3 device to a transaction system.

1 5. The self-contained business transaction capsule according to claim 4, wherein the
2 completed transaction data is transmitted to the transaction system via at least one of: direct

3 dialing with a wireless telephone protocol, utilizing Short Messaging Service (SMS), and via
4 Transmission Control Protocol/Internet Protocol (TCP/IP).

1 6. The self-contained business transaction capsule according to claim 1, wherein the
2 portable electronic device is a mobile wireless-enabled device.

1 7. The self-contained business transaction capsule according to claim 1, wherein the
2 portable electronic device utilizes a Bluetooth wireless networking protocol.

1 8. The self-contained business transaction capsule according to claim 1, wherein the
2 self-contained business transaction capsule is adapted to be readily transmitted from the portable
3 electronic device to another portable electronic device.

1 9. The self-contained business transaction capsule according to claim 1, wherein the
2 self-contained business transaction capsule is broadcasted to the portable electronic device by at
3 least one of a radio wave, a television signal, a cellular telephony signal, a satellite signal, and an
4 infrared signal.

1 10. The self-contained business transaction capsule according to claim 1, wherein the
2 portable electronic device includes a container for storing self-contained business transaction
3 capsules.

1 11. The self-contained business transaction capsule according to claim 1, wherein the
2 self-contained business transaction capsule communicates to a plurality of systems to complete
3 the wireless transaction.

1 12. The self-contained business transaction capsule according to claim 1, wherein the
2 data regarding the wireless transaction includes at least one of a price, a transaction description,
3 and an image, and the transaction logic includes at least one of billing and shipping information,
4 order routing information, order status information, shipping status information, and transaction
5 rules.

1 13. A mobile commerce system, comprising:
2 a input transformer to create a self-contained business transaction capsule,
3 wherein the self-contained business transaction capsule includes data regarding a wireless
4 transaction, transaction logic to complete the wireless transaction, and the self-contained
5 business transaction capsule is adapted to be broadcasted to and stored on a portable
6 electronic device; and
7 an output transformer to broadcast the self-contained business transaction capsule
8 to the portable electronic device.

1 14. The mobile commerce system according to claim 13, further including a
2 transactor to handle all transaction requirements with the portable electronic device to complete
3 the wireless transaction.

1 15. The mobile commerce system according to claim 14, wherein the transactor
2 performs at least one of payment processing, order routing, ticket redemption, device
3 authentication, user authentication, invalidation of lost self-contained business transaction
4 capsules, and delivery of contents to complete the wireless transaction with the portable
5 electronic device.

1 16. The mobile commerce system according to claim 13, wherein the input
2 transformer and the output transformer reside in a host computer system.

1 17. The mobile commerce system according to claim 13, wherein the input
2 transformer, the output transformer, and the transactor reside in a host computer system.

1 18. The mobile commerce system according to claim 13, wherein the input
2 transformer creates the self-contained business transaction capsule based on data manually
3 entered by a user.

1 19. The mobile commerce system according to claim 13, wherein the input
2 transformer automatically creates the self-contained business transaction capsule by analyzing
3 markup tags extracted from a data source.

1 20. The mobile commerce system according to claim 13, wherein the output
2 transformer is selected from the group consisting of a wireless application protocol (WAP)
3 transformer, a Palm operating system (OS) transformer, and a banner advertisement transformer.

1 21. The mobile commerce system according to claim 13, wherein the data regarding
2 the wireless transaction includes at least one of a price, a transaction description, and an image.

1 22. The mobile commerce system according to claim 13, wherein the transaction
2 logic includes at least one of billing and shipping information, order routing information, order
3 status information, shipping status information, and transaction rules.

1 23. The mobile commerce system according to claim 13, wherein the transaction
2 logic is adapted to transmit completed transaction data from the portable electronic device to a
3 transaction system.

1 24. The mobile commerce system according to claim 23, wherein the completed
2 transaction data is transmitted to the transaction system via at least one of: direct dialing with a
3 wireless telephone protocol, utilizing Short Messaging Service (SMS), and via Transmission
4 Control Protocol/Internet Protocol (TCP/IP).

1 25. The mobile commerce system according to claim 13, wherein the portable
2 electronic device is a mobile wireless-enabled device.

1 26. The mobile commerce system according to claim 13, wherein the portable
2 electronic device utilizes a Bluetooth wireless networking protocol.

1 27. The mobile commerce system according to claim 13, wherein the self-contained
2 business transaction capsule is adapted to be readily transmitted from the portable electronic
3 device to another portable electronic device.

1 28. The mobile commerce system according to claim 13, wherein the self-contained
2 business transaction capsule is broadcasted to the portable electronic device by at least one of a
3 radio wave, a television signal, a cellular telephony signal, a satellite signal, and an infrared
4 signal.

1 29. The mobile commerce system according to claim 13, wherein the portable
2 electronic device includes a container for storing self-contained business transaction capsules.

1 30. The mobile commerce system according to claim 13, wherein the self-contained
2 business transaction capsule communicates to a plurality of systems to complete the wireless
3 transaction.

1 31. The mobile commerce system according to claim 13, wherein the data regarding
2 the wireless transaction includes at least one of a price, a transaction description, and an image,
3 and the transaction logic includes at least one of billing and shipping information, order routing
4 information, order status information, shipping status information, and transaction rules.

1 32. A portable electronic device adapted to conduct a wireless transaction,
2 comprising:

3 a data storage medium; and
4 machine-readable code, stored on the data storage medium, the machine-readable
5 code including,
6 data regarding the wireless transaction, and
7 transaction logic to complete the wireless transaction, wherein the
8 machine-readable code is broadcasted to the portable electronic device to be
9 stored on the data storage medium.

1 33. The portable electronic device according to claim 32, wherein the data regarding
2 the wireless transaction includes at least one of a price, a transaction description, and an image.

1 34. The portable electronic device according to claim 32, wherein the transaction
2 logic includes at least one of billing and shipping information, order routing information, order
3 status information, shipping status information, and transaction rules.

1 35. The portable electronic device according to claim 32, wherein the transaction
2 logic is adapted to transmit completed transaction data from the portable electronic device to a
3 transaction system.

1 36. The portable electronic device according to claim 35, wherein the completed
2 transaction data is transmitted to the transaction system via at least one of: direct dialing with a
3 wireless telephone protocol, utilizing Short Messaging Service (SMS), and via Transmission
4 Control Protocol/Internet Protocol (TCP/IP).

1 37. The portable electronic device according to claim 32, wherein the portable
2 electronic device is a mobile wireless-enabled device.

1 38. The portable electronic device according to claim 32, wherein the portable
2 electronic device utilizes a Bluetooth wireless networking protocol.

1 39. The portable electronic device according to claim 32, wherein the machine-
2 readable code is adapted to be readily transmitted from the portable electronic device to another
3 portable electronic device.

1 40. The portable electronic device according to claim 32, wherein the machine-
2 readable code is broadcasted to the portable electronic device by at least one of a radio wave, a
3 television signal, a cellular telephony signal, a satellite signal, and an infrared signal.

1 41. The portable electronic device according to claim 32, wherein the portable
2 electronic device includes a container for storing the machine readable code.

1 42. The portable electronic device according to claim 32, wherein the machine-
2 readable code communicates to a plurality of systems to complete the wireless transaction.

1 43. The portable electronic device according to claim 32, further including a tuner
2 adapted to tune into and receive a particular category of self-contained business transaction

3 capsule identifications being broadcasted in order to receive self-contained business transaction
4 capsules of the particular category.

1 44. The portable electronic device according to claim 32, wherein the data regarding
2 the wireless transaction includes at least one of a price, a transaction description, and an image,
3 and the transaction logic includes at least one of billing and shipping information, order routing
4 information, order status information, shipping status information, and transaction rules.

1 45. A method of providing a self-contained business transaction capsule to conduct a
2 wireless transaction, the method comprising:
3 providing data regarding the wireless transaction;
4 providing transaction logic to complete the wireless transaction;
5 packaging the data regarding the wireless transaction and the transaction logic to
6 complete the wireless transaction into the self-contained business transaction capsule; and
7 broadcasting the self-contained business transaction capsule to at least one
8 portable electronic device, wherein the self-contained business transaction capsule is
9 adapted to be stored on the portable electronic device.

1 46. The method according to claim 45, further including entering manually the data
2 regarding the wireless transaction by a user.

1 47. The method according to claim 45, further including:
2 extracting markup tags from a data source; and

3 analyzing the markup tags to determine the data regarding the wireless
4 transaction.

1 48. The method according to claim 45, further including transmitting completed
2 transaction data from the portable electronic device to a transaction system.

1 49. The method according to claim 48, wherein the completed transaction data is
2 transmitted to the transaction system via at least one of: direct dialing with a wireless telephone
3 protocol, utilizing Short Messaging Service (SMS), and via Transmission Control
4 Protocol/Internet Protocol (TCP/IP).

1 50. The method according to claim 45, further including transmitting the self-
2 contained business transaction capsule from the portable electronic device to another portable
3 electronic device.

1 51. The method according to claim 45, wherein the data regarding the wireless
2 transaction includes at least one of a price, a transaction description, and an image.

1 52. The method according to claim 45, wherein the transaction logic includes at least
2 one of billing and shipping information, order routing information, order status information,
3 shipping status information, and transaction rules.

1 53. The method according to claim 45, wherein the portable electronic device is a
2 mobile wireless-enabled device.

1 54. The method according to claim 45, wherein the portable electronic device utilizes
2 a Bluetooth wireless networking protocol.

1 55. The method according to claim 45, wherein the self-contained business
2 transaction capsule is broadcasted to the portable electronic device by at least one of a radio
3 wave, a television signal, a cellular telephony signal, a satellite signal, and an infrared signal.

1 56. The method according to claim 45, wherein the portable electronic device
2 includes a container for storing self-contained business transaction capsules.

1 57. The method according to claim 45, further including communicating to a plurality
2 of systems to complete the wireless transaction.

1 58. The method according to claim 45, wherein the data regarding the wireless
2 transaction includes at least one of a price, a transaction description, and an image, and the
3 transaction logic includes at least one of billing and shipping information, order routing
4 information, order status information, shipping status information, and transaction rules.

1 59. A self-contained business transaction capsule to conduct a wireless transaction,
2 comprising:

3 data regarding the wireless transaction;
4 device logic to facilitate interaction with a portable electronic device; and
5 mobile commerce system logic to facilitate interaction with a mobile commerce
6 system to complete the wireless transaction, wherein the self-contained business
7 transaction capsule is adapted to be broadcasted to and stored on the portable electronic
8 device.

1 60. The self-contained business transaction capsule according to claim 59, wherein
2 the data regarding the wireless transaction includes at least one of a price, a transaction
3 description, and an image.

1 61. The self-contained business transaction capsule according to claim 59, wherein
2 the mobile commerce system logic includes at least one of billing and shipping information,
3 order routing information, order status information, shipping status information, and transaction
4 rules.

1 62. The self-contained business transaction capsule according to claim 59, wherein
2 the mobile commerce system logic is adapted to transmit completed transaction data from the
3 portable electronic device to a mobile commerce system.

1 63. The self-contained transaction capsule according to claim 62, wherein the
2 completed transaction data is transmitted to the transaction system via at least one of: direct

3 dialing with a wireless telephone protocol, utilizing Short Messaging Service (SMS), and via
4 Transmission Control Protocol/Internet Protocol (TCP/IP).

1 64. The self-contained business transaction capsule according to claim 59, wherein
2 the portable electronic device is a mobile wireless-enabled device.

1 65. The self-contained business transaction capsule according to claim 59, wherein
2 the portable electronic device utilizes a Bluetooth wireless networking protocol.

1 66. The self-contained business transaction capsule according to claim 59, wherein
2 the self-contained business transaction capsule is adapted to be readily transmitted from the
3 portable electronic device to another portable electronic device.

1 67. The self-contained business transaction capsule according to claim 59, wherein
2 the self-contained business transaction capsule is broadcasted to the portable electronic device by
3 at least one of a radio wave, a television signal, a cellular telephony signal, a satellite signal, and
4 an infrared signal.

1 68. The self-contained business transaction capsule according to claim 59, wherein
2 the portable electronic device includes a container for storing self-contained business transaction
3 capsules.

1 69. The self-contained business transaction capsule according to claim 59, wherein
2 the self-contained business transaction capsule communicates to a plurality of systems to
3 complete the wireless transaction.

1 70. The self-contained business transaction capsule according to claim 59, wherein
2 the data regarding the wireless transaction includes at least one of a price, a transaction
3 description, and an image, and the transaction logic includes at least one of billing and shipping
4 information, order routing information, order status information, shipping status information, and
5 transaction rules.

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